

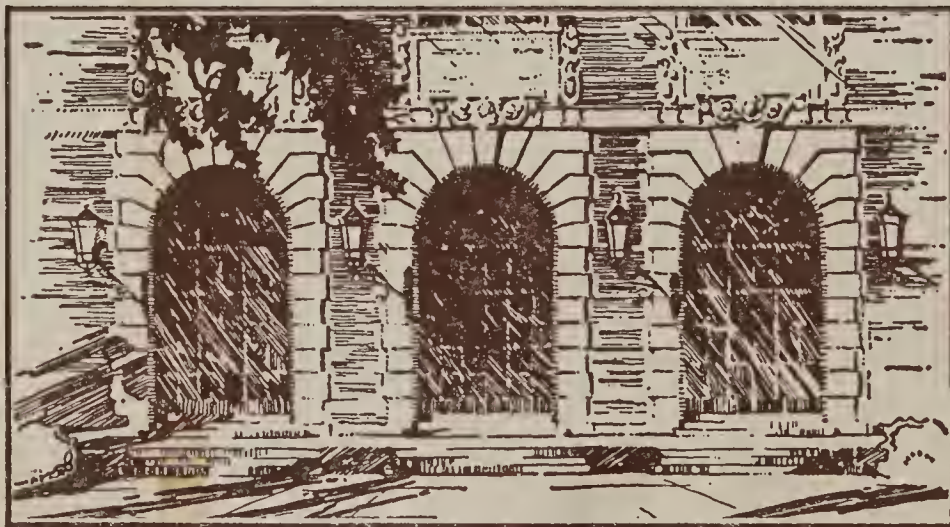




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GEOLOGY





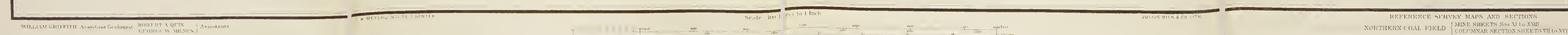
←  Bearing N. 48° W.



- 1 The character of the strata has not been determined in the localities where the authors have been. In order to obtain information regarding the position of beds and intermediate strata see, for example, (Golovinskiy Section) above.
- 2 Where the position of the coal beds are positively known they are shown by a wavy line or by two faint lines. In the latter case the coal beds have been worked at points interested in the place of the section where the beds are shown by a single line their most probable position is shown.
- 3 These sections have been constructed from the surface and underground surveys of the mining engineers of the operating companies named in the titles and from those made by the Geological Survey.

FOR THE GEOGRAPHICAL LOCATION OF THESE SECTIONS SEE SKELETON MAP ON SHEET No IX

Bearing N. 42° W.







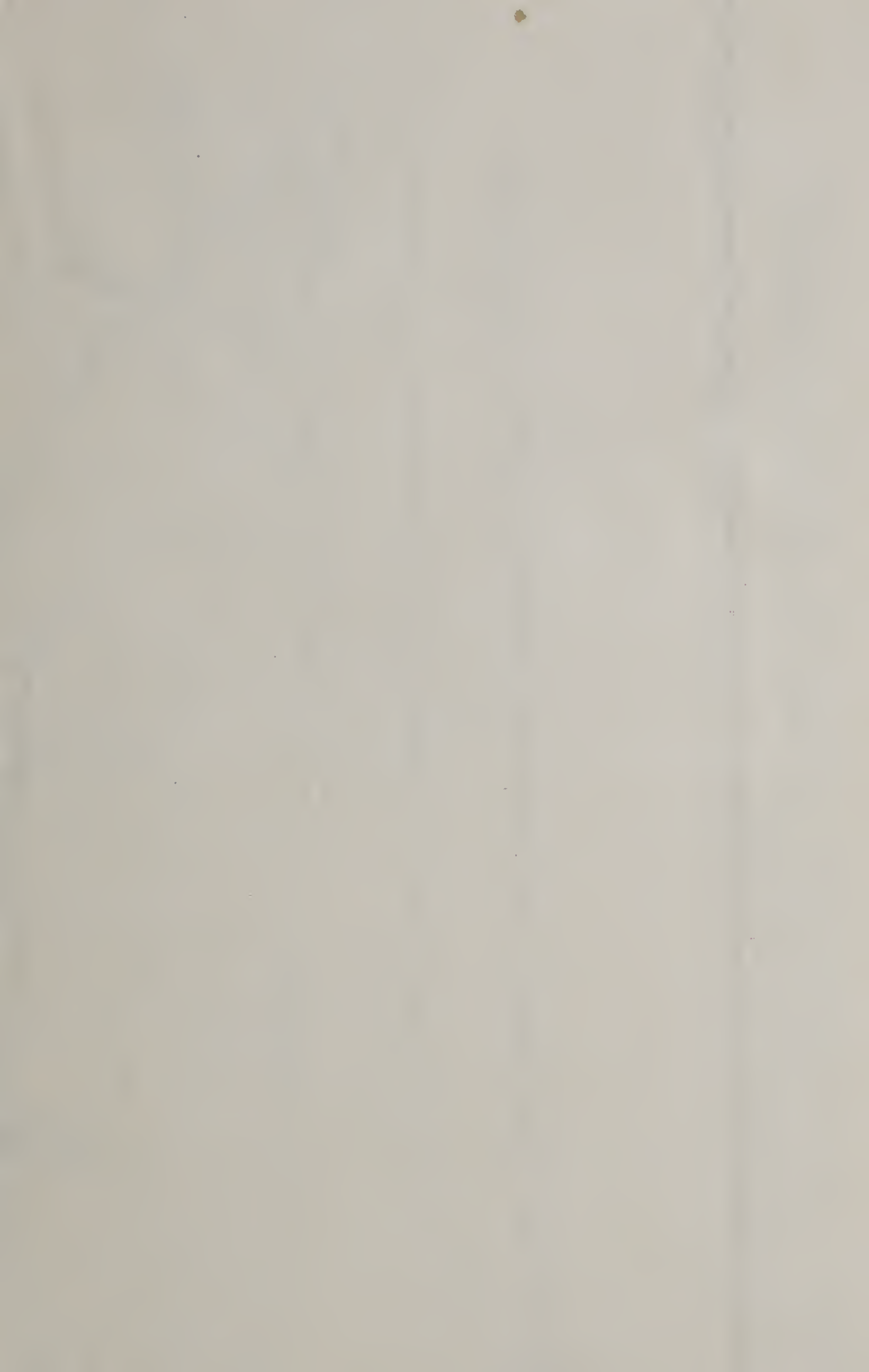
ISLAND COAL COMPANY)

1, 3 & 4 SHAFTS

SECTION K.

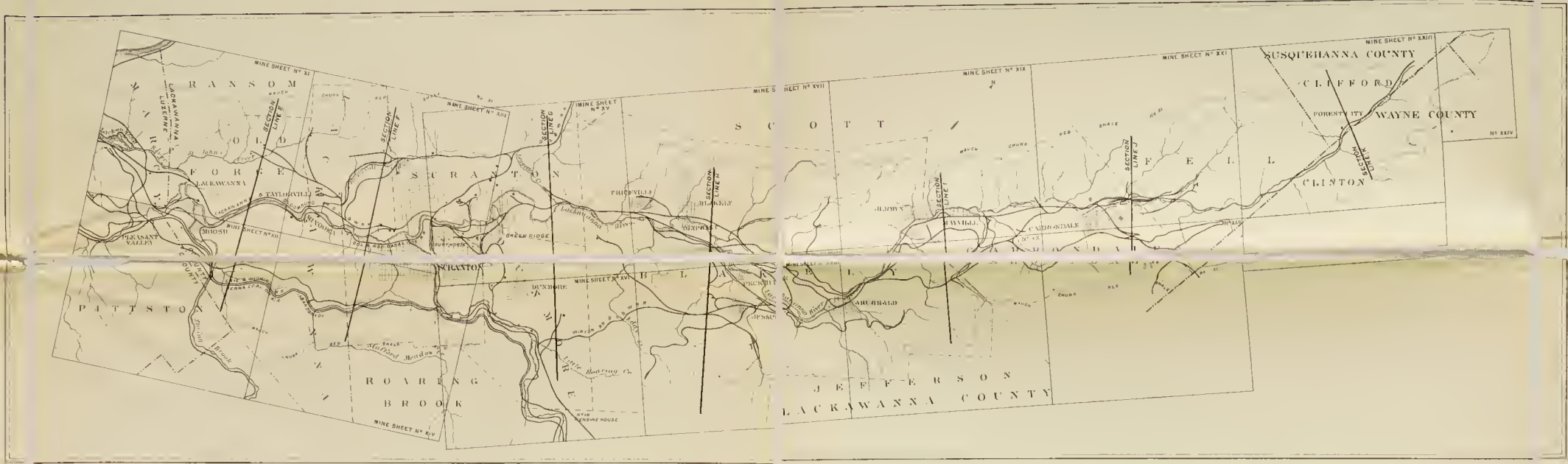
SECTION J, ON MINE SHEETS Nos. XXI & XXII, ACROSS THE WYOMING BASIN THROUGH THE MINE

SECTION I, ON MINE SHEETS Nos. XIX & XX, ACROSS THE WYOMING BASIN, THROUGH GLENWOOD SHAFT AND THE



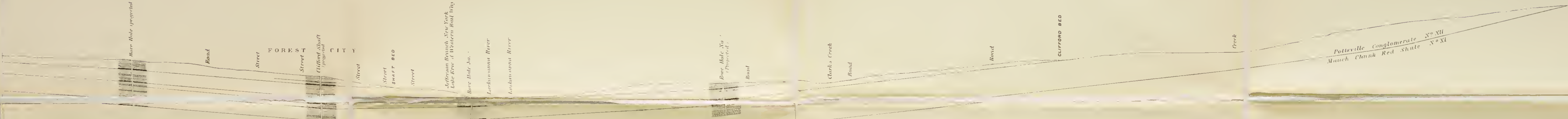


SKELETON MAP OF NINE SHEETS N°S XI TO XXIII. SHOWING THE POSITION OF THE CROSS SECTIONS ON SHEETS VI, VII, VIII, AND IX.  
Scale 2 Miles to 1 Inch.



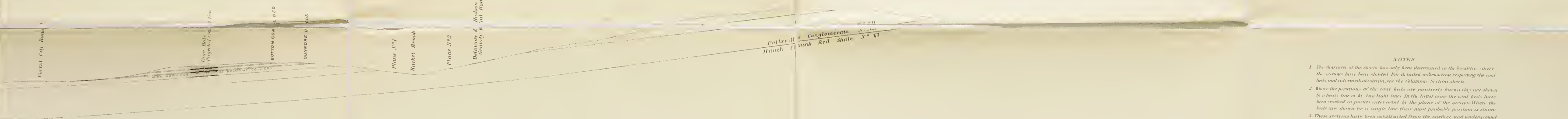
ON MINE SHEET N° XXIII, ACROSS THE WYOMING BASIN, THROUGH THE MINE WORKINGS OF OLD FOREST CITY TUNNEL, (HILLSIDE COAL & IRON CO.)

Bearing N. 76° W.



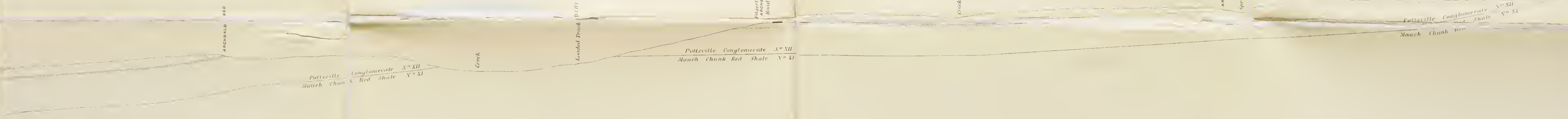
WORKINGS OF COAL BROOK (D. & H. C. CO.) AND BELMONT COLLIERIES (CARBONDALE COAL CO.)

N. 53° W.



MINE WORKINGS OF ERIE SHAFT, (HILLSIDE COAL & IRON CO.), JERMYN SHAFT AND SLOPE, (D. & H. C. CO.) AND EDGERTON COLLIERY (EDGERTON COAL CO. LIMITED).

Bearing N. 54° W.



- NOTES
1. The character of the strata has only been determined in the localities where the sections have been sketched. For detailed information respecting the coal beds and intermediate strata, see the following. See also sheets.
  2. Have the positions of the coal beds, are positively known they are shown by a heavy line as in A. Two light lines in the latter case the coal beds have been worked at points indicated by the plates of the sections. Where the beds are shown by a single line these most probable positions as shown.
  3. These sections have been constructed from the surface and underground surveys of the mining engineers of the operating companies named in the titles and from those made by the Geological Survey.





## SECTION II, ON MINE SHEETS Nos. XVII &amp; XVIII.

NOTES

- 1 The character of the strata has only been determined in the localities where the syncline have been studied. For detailed information respecting the coal beds and ultramafic dykes, see the *Explanatory Section* above.
- 2 Where the positions of the coal beds are positively known they are shown by a heavy line or by two light lines. In the latter case the coal beds have been studied at numerous intervals in the course of the ascent. Where the location is shown by a single line there most probable position is shown.
- 3 The strata have been constructed from the vertical and untransformed thickness of the various groups, of the spore-bearing conifers nearest to the base, and from those groups in the fossiliferous layers.

FOR THE GEOGRAPHICAL LOCATION OF THESE SECTIONS, SEE SKELETON MAP ON SHEET No.

SECTION G, ON MINE SHEETS Nos. XV &amp; XVI, ACROSS THE WYOMING BASIN.

SECTION F, ON MIN E SHEETS Nos XIII &amp; XIV, ACROSS THE WYOMING BASIN, THROUGH CONTINENTAL SILAFT AND THE

SECTION E, ON MINE SHEETS Nos. XI &amp; XII, ACROSS THE WYOMING BASIN, THROUGH THE





(PENNSYLVANIA COAL CO.)

MILL CREEK ANTICLINAL  
RED ASH BED  
Pittston Branch L.V.R.R.  
Everhart Creek  
Everhart Branch C.N.R. at N.J.  
RED ASH BED

RED ASH BED

Lampblack Creek

RED ASH BED

Tide Level

(H.B. HILLMAN), OAKWOOD, MINERAL SPRING AND COAL BROOK COLLIERIES (LEHIGH VALLEY COAL CO.)

RED ASH BED

RED ASH BED

RED ASH BED

RED ASH BED

RED ASH BED

RED ASH BED

RED ASH BED

RED ASH BED

RED ASH BED

BALTIMORE-STANTON ANTICLINAL

Continued below

See Chart projected

COLLIERIES.

STANTON DOUGLASS ANTICLINAL  
L.V.R.R.

RED ASH BED

RED ASH BED

RED ASH BED

RED ASH BED

RED ASH BED

RED ASH BED

RED ASH BED

RED ASH BED

RED ASH BED

RED ASH BED

RED ASH BED

RED ASH BED

Tide Level

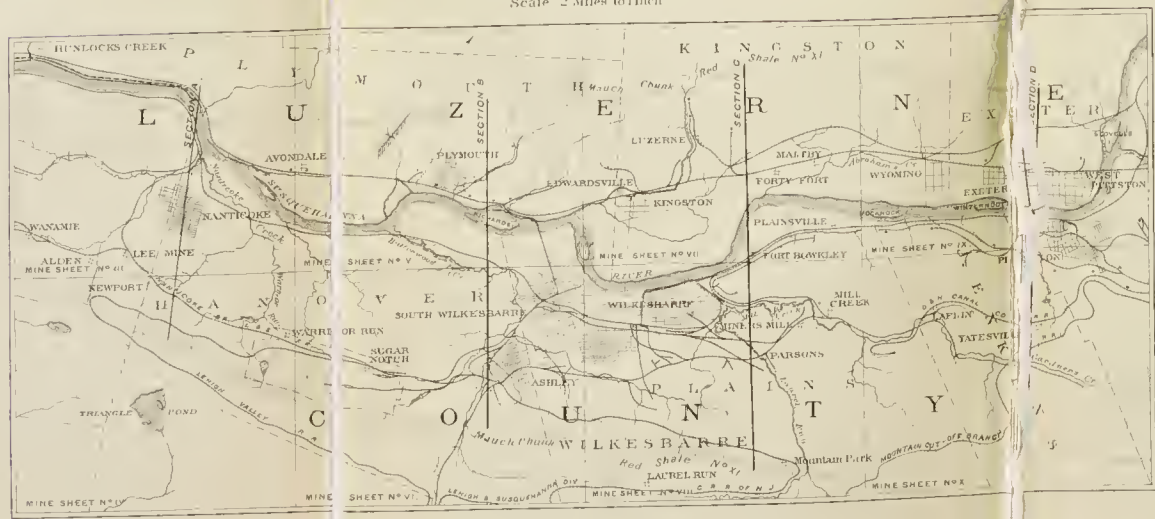
SOUTH END OF SECTION C.

RED ASH BED

Bottom of Pottsville Conglomerate No. III

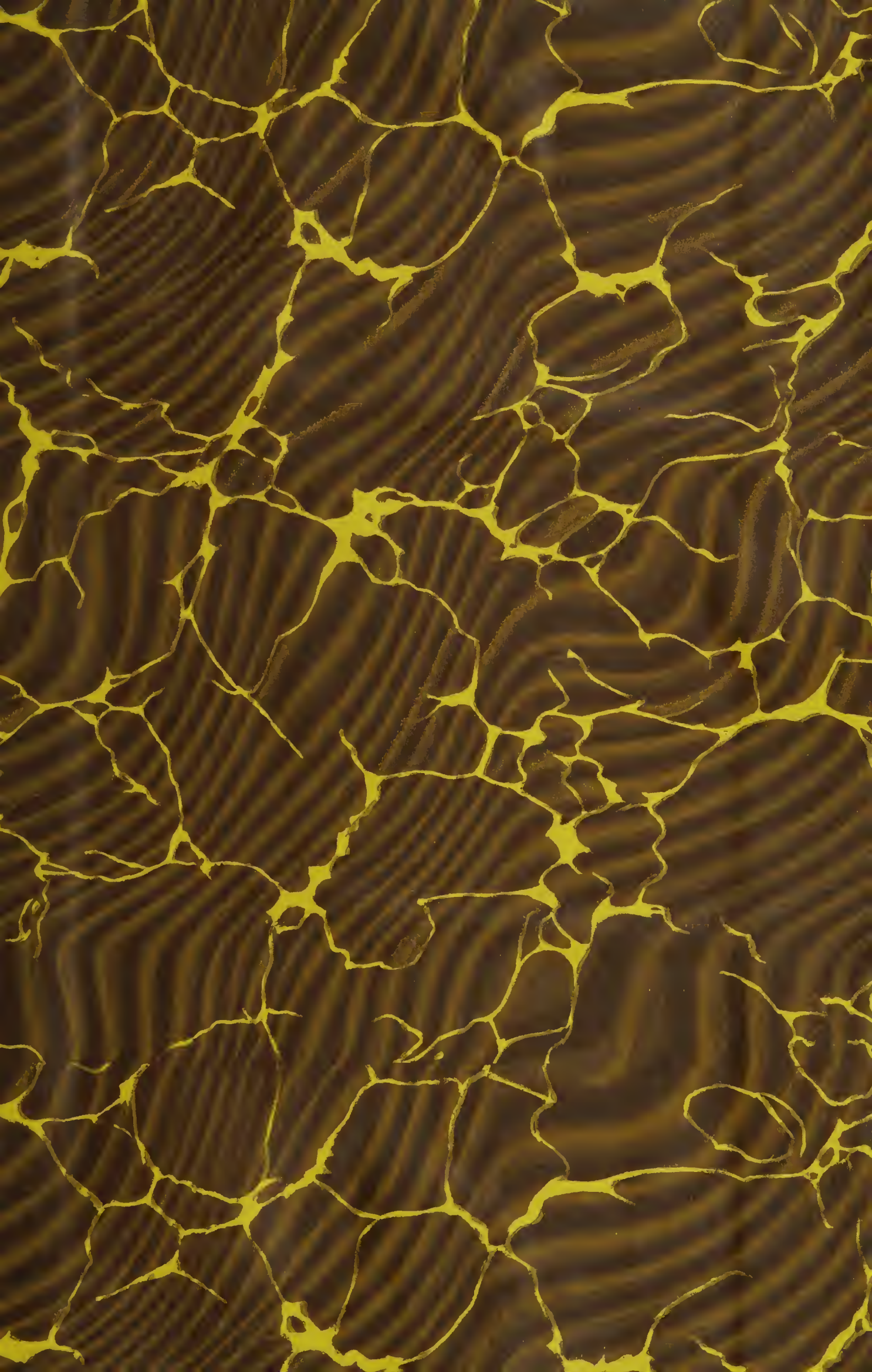
Tide Level

SKELETON MAP  
OF THE  
AREAS COVERED BY  
MINE SHEETS Nos. III, IV, V, VI, VII, VIII & IX,  
SHOWING THE  
POSITION OF THE CROSS SECTIONS  
ON SHEETS H, I, J, K & L.  
Scale 2 Miles to Inch



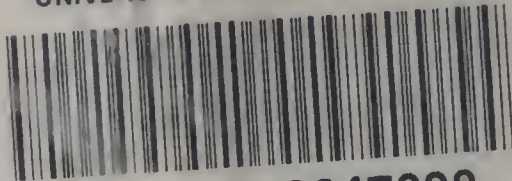
NOTES  
1. The character of the strata has only been determined in the localities where the sections have been shaded. For detailed information respecting the rock beds and intermediate strata see the following Section sheets.  
2. Where the positions of the coal beds are positively known they are shown by a heavy line or by two light lines. In the intervals the coal beds have been marked at points intersected by the plane of the section. Where the beds are shown by a single line their most probable position is shown.  
3. These sections have been constructed from the surface and underground surveys of the mining engineers or of the operating companies named in the title and from those made by the Geological Survey.







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